

## INFORMATION DISCLOSURE CITATION

Form PTO-1449 (Modified)  
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ATTY. DOCKET NO.  
14859NP

SERIAL NO. 10/511,841

APPLICANT

LEE, Jeremy et al.

FILING DATE

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/NB/	A1	2001/0045357		Broadley, et al.			
	A2	2003/0013672		Lee, et al.			
	A3	5,795,782	18 Aug. 1998	Church et al.			
	A4	5,882,496	16 Mar. 1999	Northrup et al.			
	A5	6,004,450	21 Dec. 1999	Northrup et al.			
	A6	6,015,714	18 Jan. 2000	Baldarelli et al.			
	A7	6,067,246	23 May 2000	Heller et al.			
	A8	6,136,543	24 Oct. 2000	Anazawa et al.			
	A9	6,267,872	31 July 2001	Akeson et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
/NB/	B1	WO 99/31115	1999	PCT			
/NB/	B2	EP 0 726 530 A1		EP			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/NB/	C1	Aich, P. et al., <i>Journal of Molecular Biology</i> , 294(2), 477-485 (1999)					
/NB/	C2	Akeson et al., <i>Biophysical Journal</i> , 77:3227-33 (1999)					
/NB/	C3	Auld, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 87: 323-27 (1990)					
/NB/	C4	Braha et al., <i>Nat Biotechnol.</i> , 18(9):1005-7 (2000)					
/NB/	C5	Braun, E. et al., <i>Nature</i> , 391, 775-778 (1998)					
/NB/	C6	Chapman et al., <i>J Physiol</i> 530(1):21-33					
/NB/	C7	Chou, C. F. et al., "Sorting biomolecules with microdevices", <i>Electrophoresis</i> , January 2000, 21(1): 81-90					
/NB/	C8	Deamer, D. W. et al., "Nanopores and nucleic acids: prospects for ultrarapid sequencing", <i>Trends Biotechnol.</i> , April 2000, 18(4): 147-51					

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/NB/	C9	Fry et al., <i>Biophys. J.</i> 63(1): 124-31 (1992)
	C10	Gelbart, W. M. et al., <i>Physics Today</i> 53, September 2000, 38-44 (2000)
	C11	Gu et al., <i>Science</i> , 291(5504):636-40 (2001)
	C12	Hamill et al., <i>Pfluegers Arch. Eur. J. Physiol.</i> , 391: 85-100 (1981)
	C13	Heinemann et al., <i>Biophys. J.</i> , 54: 757-64 (1988)
	C14	Heinemann et al., <i>Biophys. J.</i> , 57: 499-514 (1990)
	C15	Hopfield, J. J. et al., "A Molecular Shift Register", <i>Science</i> , 241, p. 817 (1988)
	C16	Hoshi, et al., <i>Neuron</i> , 7: 547-56 (1991)
	C17	Hoshi, et al., <i>Science</i> , 250: 533-38 (1990)
	C18	Howorka et al., <i>Nat. Biotech.</i> 19(7):636-639 (2001)
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	C20	Kasianowicz et al., <i>Proc. Natl. Acad. Sci. USA</i> 93:13770-73
	C21	Lee, J. S. et al, <i>Biochem. Cell Biol.</i> 71, 162-168 (1993)
	C22	Lewis, F.D., Wu, T., Zhang, Y., Letsinger, R.L., Greenfield, S.R., and Wasielewski, M.R. <i>Science</i> 277, 673-676 (1997)
	C23	Li et al., <i>Nature</i> , 412(6843):166-169 (2001)
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	C25	Meller et al., <i>Proc. Natl. Acad. Sci. USA</i> , 97(3):1079-84
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	C27	Patton, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 89: 10905-09 (1992)
	C28	Porath, D. et al., <i>Nature</i> 403, 635-638 (2000)
	C29	Ratkin A. et al., <i>Phys. Rev. Lett.</i> 86(16):3670-3673 (2001)
	C30	Robinson et al., "The Design of a Biochip: A Self-Assembling Molecular-Scale Memory Device", <i>Protein Engineering</i> , 1:295-300 (1987)
	C31	Schindler, <i>FEBS Letters</i> , 122: 77-79 (1980)
	C32	Schütz, E. et al., <i>BioTechniques</i> , 27:1218-28 (1999)
	C33	Sebastian, K. L. et al., "Kramers problem for a polymer in a double well", <i>Phys Rev E Stat Phys Plasmas Fluids Relat Interdiscip Topics</i> 2000 July, 62(1 pt B): 927-39
	C34	Seeman, N. C. et al., <i>Ann. Rev. Biophys. Biomol. Struct.</i> 23, 53-86 (1994)

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/NB/	C36	Tapper and George, <i>J Biol Chem</i> , 276(41):38249-54, 2001 Oct 12	
/NB/	C37	Taubes, G., <i>Science</i> 275, 1420-1421 (1997)	
/NB/	C38	Vercoutere, W. et al., <i>Nat. Biotechnol.</i> , 19, 248-52 (2001)	
/NB/	C39	Wang J., et al., <i>Langmuir</i> . 15, 6541-6545 (1999)	
/NB/	C40	Wang, H. et al., <i>Nature Biotechnology</i> , 19:622-623 (2001)	
/NB/	C41	West, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 89: 10910-14 (1992)	
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